

## EPHRIN RECEPTOR B1 (9B4) MOUSE MAB

**Cat.#:** N261184

**Product Name:** Anti-Ephrin Receptor B1 (9B4) Mouse Monoclonal Antibody

**Synonyms:** EPHB1; ELK; EPHT2; HEK6; NET; Ephrin type-B receptor 1; ELK; EPH tyrosine kinase 2; EPH-like kinase 6; EK6; hEK6; Neuronally-expressed EPH-related tyrosine kinase; NET; Tyrosine-protein kinase receptor EPH-2

**UNIPROT ID:** P54762

**Background:** Receptor for members of the ephrin-B family. Binds to ephrin-B1, -B2 and -B3. Binding with the guidance cue ephrin-B2 at the optic chiasm midline redirect ventrotemporal (VT) retinal ganglion cells (RGCs) axons ipsilaterally. May be involved in cell-cell interactions in the nervous system.

**Immunogen:** Purified recombinant fragment of EphB1 (aa19-133) expressed in E. Coli.

**Applications:** WB, IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 9B4-3F8-1H5

**MW:** Calculated MW: 110 kDa; Observed MW: 110 kDa

**Isotype:** IgG1

**Purification:** Ascitic Fluid

**Species Reactivity:** Human

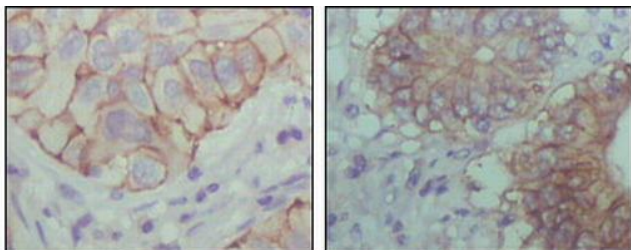
**Conjugation:** Unconjugated

**Modification:** Unmodified

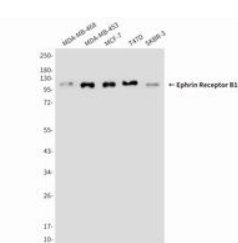
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cardiovascular

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemical analysis of paraffin-embedded Human tonsils using Ephrin Receptor B1 (9B4) antibody, with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Ephrin Receptor B1 (9B4) in MDA-MB-468, MDAMB453, MCF-7, T47D and SKBR3 lysates using Ephrin Receptor B1 (9B4) antibody.